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... in terms of computation time so that applying it prior to the open pit (or ultimate pit limit) algorithm ...

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RM Uribe-Cifuentes, J Urrutia- ... - Geofísica ..., 1999 - naolinco.igecfci.unam.mx

... is characterized by a 7 km by 50 km NW-SSE trending cluster of 20 ... of Pliocene andesites and Quaternary andesites and basalts, including the maars, cinder cones and composite ... These NW-SSE trending lineaments intersect the young EW and ENE-WSW structural trends of ...

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DM Hooper, GS Mattioli - Natural Hazards, 2001 - Springer

... It consists of a cluster of five andesitic lava domes that roughly define a west ... energy is converted to friction and the flow stops when the energy line 'intersects' the topographic ... model was soon expanded into a three-dimensional representation called the 'energy-cone' model by ...

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Analyticity for one-dimensional systems with long-range superstable interactions

M Campanino, D Capocaccia, E Olivieri - Journal of Statistical Physics, 1983 - Springer

... most of the statistical weight is in fact on the configurations in J-, so that the block model, with partition function (1.23), can be dealt with as a perturbation of a block model in which ... We must show that distinct A blocks are weakly coupled, in order to perform a cluster expansion. ...

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KB Sarachik - 1989 - mirrors.acm.jhu.edu

... The five pairs yield 10 intersection points, whose average intersection value occurs at $\phi \approx 35.5^\circ$... 19 2.5 All points in an epipolar plane will project onto the same pair of epipolar lines in the two

images 21 2.6 Configuration of two cameras whose optical axes intersect at a point. ...

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L Benda, T Dunne - Water Resources Research, 1997 - wou.edu

... of 6 hollows enters each second-order channel segment, and another 12 intersect higher-order ...

of bedrock hollows has been idealized for use in calculations as both a cone [Humphrey, 1983 ...

strength in the infinite-slope model and in Burroughs' [1984] 3-D block model of failure ...

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Observational evidence for earthquakes as a nonlinear dynamic process

[ucla.edu \[PDF\]](#)

YY Kagan - Physica D: Nonlinear Phenomena, 1994 - Elsevier

... The null (N) axis is orthogonal to the T- and P-axes, or is located on the intersection of fault and auxiliary planes. ... The b-values and their 90% confidence limits (1.645Q) are shown as they depend on m. The 90% domains of b-values intersect for all values of magnitudes. ...

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FW Jansen, WH Crouvel, DJ McConalogue, D TU - 1987 - repository.tudelft.nl

... Boolean operations: union, difference and intersection. ... 2.2 Constructive Solid Geometry

Constructive Solid Geometry (CSG) defines objects by applying transformations and Boolean operations to elementary volumes, such as block, sphere, cylinder and cone [Requicha, 1980]. ...

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Subject index for communications in statistics: Theory and methods, volumes 1-1

CST METH - Communications in Statistics-Theory and Methods, 1983 - informaworld.com

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8:955,975, 1017,1049,1083,1097111111 1129; 9:1941,1963,1975,1979 Cluster analysis 3:1 ...

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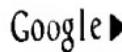
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S Contemporaries - The Cambridge history of nineteenth-..., 2001 - books.google.com

... 226-7. Cone noted that the Spohr symphony in question was No. ... One is consequently encouraged to hear the musical ideas as the most obvious topics at hand, although those ideas were nearly always crafted to intersect with traditions established in esteemed works of the ...

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P Monaco - Arxiv preprint astro-ph/9710085, 1997 - arxiv.org

... the velocity field of stars or from the motion of satellite galaxies, while galaxy cluster masses can ... of sticking particles as their trajectories, found by means of Zel'dovich approximation, try to intersect, to mimic ... and the redshift z is measured for an object in our past light cone at the ...

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RV LTD - Report on the status of the Gibraltar, 2001 - redcorp-ventures.com

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[oxfordjournals.org](#) [HTML]

T Naumann, D Geist, M Kurz - Journal of Petrology, 2002 - Oxford Univ Press

... 2). A multiply nested caldera of 450 m depth contains numerous benches, eruptive fissures, and cones, and is surrounded by a flat, summit ... in a concentration of recent eruptions from a NW-SE rift zone on the summit platform and within the caldera that intersects earlier eruptive ...

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[book] Multidimensional scaling: History, theory, and applications

FW Young, RM Hamer - 1987 - questia.com

... Abelson (1956). Both developments were based on the Euclidean distance model.

Attnave (1950) discussed the city-block model. These approaches ... be solved. We discuss the city-block model in chapter 5. Following closely ...

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Geologic hazards of an embankment dam constructed across a major, active plate boundary fault

AS Al-Homoud - Environmental and Engineering ..., 2000 - Assoc Eng Geologists

... Structure Prior to commencement of construction, the understanding of the structure was limited due to the steep attitude of the faults, their small throw and their narrow width. Further, all except three of the boreholes were vertical and thus had little chance of intersecting them. ...

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Pit optimisation using solid modelling and the Lerchs Grossman algorithm

NJ Stuart - International Journal of Mining, Reclamation and ..., 1992 - informaworld.com

... a and each vector $v_1 \dots v_n$ references a block connected to a by an arc in the ... b) developing software to investigate slope design slope vector sets ie continuing the work in ... b) A working system for convex polyhedra, perhaps approximating overburden cones as py reminds with ...

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Fundamental tree algorithm in optimising production scheduling for open pit mine design

S Ramazan, K Dagdelen, TB ... - Mining Technology: IMM ..., 2005 - ingentaconnect.com

... The arcs in the figure show the node precedence relationships based on the slope angle requirements. ... Step 1 Since nodes 5, 6 and 7 have positive economic values as shown in Figure 3, cone values are calculated for these nodes as discussed earlier. ...

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The new fundamental tree algorithm for production scheduling of open pit mines

S Ramazan - European Journal of Operational Research, 2007 - Elsevier

... In the network, the blocks are represented by nodes and the mining slope requirement is represented by the arcs. ... This node precedence relationship within the network is determined by using one or more cone templates as discussed previously. ...

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The economics of computerized open-pit design

Y Lizotte - International Journal of Mining, Reclamation and ..., 1988 - informaworld.com

... In this case the removal increment (cone) must be defined by checking which $(i, j, k \dots)$ only be accounted for by either modifying the block size or by changing the precedence removal rules ... are schematized in figure 8. In three dimensions a fixed 45 degree pit slope is approximated ...

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S Javad - 2009 - deposit.ddb.de

... 51 Figure 2-29 Upward-downward cones to determine transferability of blocks ... Clearly, the UPL and the mining sequence should not be determined independent of each other if ... The blocks have been assumed to be square and the slope angle has been considered as 45° ...

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